

LUD 5538.1 CIP - JEL/NDH (09807399)

sequence listings are identical to each other and to information set forth in the application as filed. No new matter is believed presented.

IN THE CLAIMS

Cancel claims 53 and 109 without prejudice.

Add claims 110-144 which follow:

Claim 110: An isolated nucleic acid molecule which encodes the protein encoded by the nucleotide sequence set forth at SEQ ID NO: 5, 6, 7 or 8.

Claim 111: The isolated nucleic acid molecule of claim 110, selected from the group consisting of the nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO: 5, 6, 7 and 8.

Claim 112: Expression vector comprising the isolated nucleic acid molecule of claim 110, operably linked to a promoter.

Claim 113: Expression vector comprising the isolated nucleic acid molecule of claim 111, operably linked to a promoter.

Claim 114: Recombinant cell comprising the expression vector of claim 112.

Claim 115: Recombinant cell comprising the expression vector of claim 113.

Claim 116: Recombinant cell comprising the isolated nucleic acid molecule of claim 110.

Claim 117: Recombinant cell comprising the isolated nucleic acid molecule of claim 111.

Claim 118: Recombinant cell of claim 114, further comprising an expression vector which contains a nucleic acid molecule encoding a cytokine, operably linked to a promoter.

LUD 5538.1 CIP - JEL/NDH (09807399)

Claim 119: Recombinant cell of claim 115, further comprising an expression vector which contains a nucleic acid molecule encoding a cytokine, operably linked to a promoter.

Claim 120: Recombinant cell of claim 116, further comprising a nucleic acid molecule which encodes a cytokine.

Claim 121: Recombinant cell of claim 117, further comprising a nucleic acid molecule which encodes a cytokine.

Claim 122: The recombinant cell of claim 118, 119, 120 or 121 wherein said cytokine is interleukin.

Claim 123: The recombinant cell of claim 122, wherein said interleukin is IL-2, IL-4, or IL-12.

Claim 124: The recombinant cell of claim 114, 115, 116 or 117, wherein said recombinant cell is a eukaryotic cell.

Claim 125: The recombinant cell of claim 123, which has been rendered non-proliferative.

Claim 126: The recombinant cell of claim 123, wherein said cell is a fibroblast.

Claim 127: Expression vector comprising a mutated or attenuated virus and the isolated nucleic acid molecule of claim 110 or 111.

Claim 128: Expression system useful in making a recombinant cell, comprising:
(i) a first vector which encodes the protein encoded by the isolated nucleic acid molecule of claim 110 or 111, and
(ii) a second vector which either (a) encodes an MHC or HLA molecule or (b) encodes an interleukin.

LUD 5538.1 CIP - JEL/NDH (09807399)

Claim 130: An isolated nucleic acid molecule consisting of a nucleotide sequence defined by SEQ ID NO: 9, 10, 11, 12, 13 or 14.

Claim 131: Kit useful in determining expression of a cancer associated antigen, comparing a separate portion of each of (i) the nucleotide sequences defined by SEQ ID NOS: 9 and 10, (ii) the nucleotide sequences defined by SEQ ID NOS: 11 and 12, and (iii) the nucleotide sequences defined by SEQ ID NOS: 13 and 14.

Claim 132: The isolated nucleic acid molecule of claim 110, which encodes the protein encoded by SEQ ID NO: 5.

Claim 133: The isolated nucleic acid molecule of claim 110, which encodes the protein encoded by SEQ ID NO: 6.

Claim 134: The isolated nucleic acid molecule of claim 110, which encodes the protein encoded by SEQ ID NO: 7.

Claim 135: The isolated nucleic acid molecule of claim 110, which encodes the protein encoded by SEQ ID NO: 8.

Claim 136: The isolated nucleic acid molecule of claim 110, comprising SEQ ID NO: 5.

Claim 137: The isolated nucleic acid molecule of claim 110, comprising SEQ ID NO: 6.

Claim 138: The isolated nucleic acid molecule of claim 110, comprising SEQ ID NO: 7.